

INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2005/002826

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl.⁷ H04R1/02, 1/00, 1/34, 3/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl.⁷ H04R1/02, 1/00, 1/34, 3/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Published examined utility model applications of Japan 1922-1996
Published unexamined utility model applications of Japan 1971-2005
Registered utility model specifications of Japan 1996-2005
Published registered utility model applications of Japan 1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 11-27774 A (MK SEIKO CO., LTD.) 1999.01.29, whole document	1-7
A	JP 58-119293 A (DENON Consumer Marketing Co., Ltd.) 1983.07.15, whole document	1-7
A	JP 11-98592 A (MK SEIKO CO., LTD.) 1999.04.09, whole document	1-7
A	JP 2000-83291 A (SNK Co., Ltd.) 2000.03.21, whole document	1-7
A	JP 10-262967 A (Matsushita Electric Industrial Co., Ltd.) 1998.10.06, whole document	1-7
A	JP 5-101608 A (Fujitsu Limited) 1993.04.23, whole document	1-7

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

23.05.2005

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07.6.2005

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INTERNATIONAL SEARCH REPORT
Information on patent family members

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JP 11-27774 A	1999.01.29	NIL
JP 58-119293 A	1983.07.15	NIL
JP 11-98592 A	1999.04.09	NIL
JP 2003-102084 A	2003.04.04	NIL
JP 2000-83291 A	2000.03.21	NIL
JP 10-262967 A	1998.10.06	NIL
JP 5-101608 A	1993.04.23	US 5995706 A EP 536959 A2
		1999.11.30 1993.04.14

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